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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known			
		Application Number	09/743,818		
		Filing Date	April 26, 2001		
		First Named Inventor	Weiss et al		
		Group Art Unit	1653		
		Examiner Name	H. Schnizer		
Sheet	1	of	1	Attorney Docket Number	GHC11USA

NONPATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include the name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item, (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
JS	DDU	TASSABEHJI MAYADA ET AL, An Elastin Gene Mutation Producing Abnormal Tropoelastin and Abnormal Elastic Fibres in a Patient with Autosomal Dominant Cutis Laxa, Human Molecular Genetics, Vol. 7, No. 6, pp. 1021-1028, (June 1998)	
JS	DDV	SECHLER JAN ET AL, Elastin Gene Mutations in Transgenic Mice, CIBA Foundation Symposium; The Molecular Biology and Pathology of Elastic Tissues; John Wiley and Sons Ltd., Baffin Lane, Chichester PO 19 1UD, England; John Wiley and Sons, Inc., 605 Third Avenue, New York, New York 10158-0012, USA series: CIBA Found, (1995) pp. 148-165	
JS	DDW	BOYD ET AL, Mammalian Tropoelastin Multiple Domains of the Protein Define An Evolutionarily Divergent Amino Acid Sequence, Matrix, Vol. 11, No. 4, pp. 235-241, (August 1991)	
JS	DDX	(7) Page Supplementary Partial European Search Report dated August 26, 2004	

Examiner Signature		Date Considered	12-6-04
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				First Named Inventor	Anthony S. Weiss
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				Examiner Name	H. Schnitzer
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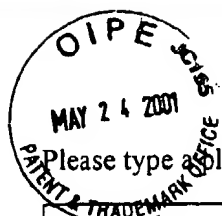
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		Number	Kind Code ² (if known)			
AS	AA	6,232,458	B1	A. Weiss 536/235	05/15/2001	

FOREIGN PATENT DOCUMENTS								
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		Office ³	Number ⁴	Kind Code ³ (if known)				
AS	AL	WO	WO99/03886	A2	A. Weiss	01/28/1999		
AS	AM	WO	WO94/14958	A1	A. Weiss	07/07/1994		

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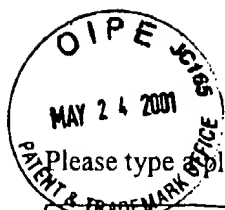
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JS	AR	RICHARD PIERCE et al, "Elements of the Rat Tropoelastin Gene Associated with Alternative Splicing", Genomics, 12:651-658 (1992)	
JS	AS	FAUSTINO BISACCIA et al, "The Amino Acid Sequence Coded by the Rarely Expressed Exon 26A of Human Elastin Contains a Stable β -Turn with Chemotactic Activity for Monocytes", Biochemistry, 37(31):11128-11135 (1998)	
JS	AT	JUI-YOA CHANG, "Thrombin Specificity - Requirement for Apolar Amino Acids Adjacent to the Thrombin Cleavage Site of Polypeptide Substrate", Eur. J. Biochem., 151:217-224 (1985)	
JS	AU	LEONARD GROSSO et al, "PGAIPG, a Repeated Hexapeptide of Bovine and Human Tropoelastin, is Chemotactic for Neutrophils and Lewis Lung Carcinoma Cells", Archives of Biochemistry and Biophysics, 305(2):401-404 (September, 1993)	
JS	AV	CARL FRANZBLAU et al, "Role of Tropoelastin Fragmentation in Elastogenesis in Rat Smooth Muscle Cells", J. Biol. Chem., 264(25):15115-15119 (September 5, 1989)	
JS	AW	AKINOBU HAYASHI et al, "Presence of Elastin-related 45-kDa Fragment in Culture Medium: Specific Cleavage Product of Tropoelastin in Vascular Smooth Muscle Cell Culture", Biochimica et Biophysica Acta, 1244:325-330 (1995)	
JS	AX	JUN KOBAYASHI et al, "Serum-Induced Vascular Smooth Muscle Cell Elastolytic Activity Through Tyrosine Kinase Intracellular Signalling", Journal of Cellular Physiology, 160:121-131 (1994)	
JS	AY	ROBERT MECHAM et al, "Intrinsic Enzyme Activity Associated with Tropoelastin", Biochim. Biophys. Acta., 446:245-254 (1976)	

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		Examiner Name	H. SCHNIZER		
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JB	AZ	ROBERT MECHAM et al, "Trypsin-like Neutral Protease Associated with Soluble Elastin", Biochemistry, 16(17):3825-3831 (1977)	
JB	AAR	ROBERT MECHAM et al, "Proteolysis of Tropoelastin", Adv. Expt. Med. Biol., 79:209-216 (1977)	
JB	AAS	CELESTE RICH et al, "Isolation of Tropoelastin a from Lathyrtic Chick Aortae", Biochem. J., 217:581-584 (1984)	
JB	AAT	NADIA ROMERO et al, "Role of Plasma and Serum Proteases in the Degradation of Elastin", Arch. Biochem. Biophys., 244:161-168 (January, 1986)	
JB	AAU	ROBERT RUCKER, "Isolation of Soluble Elastin from Copper-Deficient Chick Aorta", Methods in Enzymology, 82:650-657 (1982)	
JB	AAV	L. SANDBERG et al, "Production and Isolation of Soluble Elastin from Copper-Deficient Swine", Methods in Enzymology, 82:657-665 (1982)	
JB	AAW	A. TORRES et al, "Isolation and Amino Acid Sequence of Some Thrombin Produced Porcine Tropoelastin Peptides", Adv. Expt. Med. Biol., 79:267-276 (1977)	
JB	AAX	STEPHEN MCGOWAN et al, "Serine Proteinase Inhibitors Influence the Stability of Tropoelastin mRNA in Neonatal Rat Lung Fibroblast Cultures", Am. J. Physiol., 270:L376-L385 (1996)	
JB	AAV	ALEKSANDER HINEK et al, "67-kD Elastin-Binding Protein is a Protective "Companion" of Extracellular Insoluble Elastin and Intracellular Tropoelastin", J. Cell Biol., 126(2):563-574 (July, 1994)	

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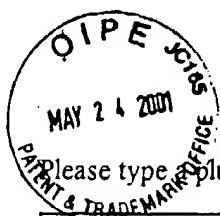
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	AAZ	JEFFREY DAVIDSON et al, "Regulation of Elastin Synthesis in Organ and Cell Culture", Methods in Enzymology, 144:214-232 (1987)	
	BR	ROBERT MECHAM et al, "Elastin Binds to a Multifunctional 67-Kilodalton Peripheral Membrane Protein", Biochemistry, 28:3716-3722 (1989)	
	BS	JUDITH FOSTER et al, "The Regulation of Lung Elastin Synthesis", Am. J. Physio., 259:L13-L23 (1990)	
	BT	AMANDA EWART et al, "Hemizyosity at the Elastin Locus in a Developmental Disorder, Williams Syndrome", Nature Genetics, 5:11-16 (September, 1993)	
	BU	J. TARLTON et al, "Postsurgical Wound Progression Monitored by Temporal Changes in the Expression of Matrix Metalloproteinase-9", British Journal of Dermatology, 137:506-516 (1997)	
	BV	ZENA INDIK et al, "Structure of the 3' Region of the Human Elastin Gene: Great Abundance of ALU Repetitive Sequences and Few Coding Sequences", Connective Tissue Research, 16:197-211 (1987)	
	BW	J. MICHAEL FRANGISKAKIS et al, "LIM-kinase1 Hemizyosity Implicated in Impaired Visuospatial Constructive Cognition", Cell, 86:59-69 (July 12, 1996)	
	BX	MICHAEL FAZIO et al, "Isolation and Characterization of Human Elastin cDNAs, and Age-Associated Variation in Elastin Gene Expression in Cultured Skin Fibroblasts", Laboratory Investigation, 58(3):270-277 (1988)	
	BY	LUCY OSBORNE et al, "Identification of Genes from a 500-kb Region at 7q11.23 That is Commonly Deleted in Williams Syndrome Patients", Genomics, 36:328-336 (1996)	

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AS	BZ	MUHAMMAD BASHIR et al, "Characterization of the Complete Human Elastin Gene", J. Biol. Chem., 264(16):8887-8891 (May 25, 1989)		
AS	BBR	JAMES SLACK et al, "An Upstream Regulatory Region Mediates High-Level, Tissue-Specific Expression of the Human $\alpha 1(I)$ Collagen Gene in Transgenic Mice", Molecular and Cellular Biology, 11(4):2066-2074 (April, 1991)		
AS	BBS	JUHANI JÄNNE et al, "Transgenic Animals as Bioproducers of Therapeutic Proteins", Annals of Medicine, 24:273-280 (1992)		
AS	BBT	R. MERRIFIELD, "Solid Phase Peptide Synthesis. I. The Synthesis of a Tetrapeptide", J. Am. Chem. Soc., 85:2149-2154 (July 20, 1963)		
AS	BBU	REINHARD KNORR et al, "New Coupling Reagents in Peptide Chemistry", Tetrahedron Letters, 30(15):1927-1930 (1989)		
AS	BBV	JOEL ROSENBLOOM et al, "Regulation of Elastin Gene Expression", Ann. New York Acad. Sci., 624:116-136 (1990)		
AS	BBW	JOEL ROSENBLOOM et al, "Structure of the Elastin Gene", Ciba Found. Symp., 192:59-80 (1995)		
AS	BBX	WILLIAM PARKS et al, "Tropoelastin Heterogeneity: Implications for Protein Function and Disease", Am. J. Respir. Cell Mol. Biol., 2:399-406 (1990)		
AS	BBY	JOSEPH CAPPELLO et al, "Genetic Engineering of Structural Protein Polymers", Biotechnol. Prog., 6:198-202 (1990)		
AS	BBZ	VELI-MATTI KAHARI et al, "Deletion Analyses of 5'-Flanking Region of the Human Elastin Gene", J. Biol. Chem., 265(16):9485-9490 (June, 1990)		

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JS	CR	WILLIAM PARKS et al, "Cellular Expression of Tropoelastin mRNA Splice Variants", Matrix, 12:156-162 (1992)	
JS	CS	JOEL ROSENBLOOM et al, "Elastin Genes and Regulation of their Expression", in Critical Review in Eukaryotic Gene Expression, CRC Press Inc., 1(3):145-156 (1991)	
JS	CT	DAVID MCPHERSON et al, "Production and Purification of a Recombinant Elastomeric Polypeptide, G-(VPGVG) ₁₉ -VPGV, from Escherichia coli", Biotechnol. Prog., 8:347-352 (1992)	
JS	CU	MAYADA TASSABEHJI et al, "Elastin: Genomic Structure and Point Mutations in Patients with Supravalvular Aortic Stenosis", Human Molecular Genetics, 6(7):1029-1036 (1997)	
JS	CV	MARTIN HOLZENBERGER et al, "Quantitation of Tropoelastin mRNA and Assessment of Alternative Splicing in Human Skin Fibroblasts by Reverse Transcriptase-Polymerase Chain Reaction", PCR Methods and Applications, 3:107-114 (1993)	
JS	CW	STEPHEN MARTIN et al, "Total Synthesis and Expression in Escherichia coli of a Gene Encoding Human Tropoelastin", Gene, 154:159-166 (1995)	
JS	CX	ZENA INDIK et al, "Alternative Splicing of Human Elastin mRNA Indicated by Sequence Analysis of Cloned Genomic and Complementary DNA", Proc. Natl. Acad. Sci. USA, 84:5680-5684 (August, 1987)	
JS	CY	ZENA INDIK et al, "Production of Recombinant Human Tropoelastin: Characterization and Demonstration of Immunologic and Chemotactic Activity", Archives of Biochemistry and Biophysics, 280(1):80-86 (July, 1990)	

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JS	CZ	LOUISE OLIVER et al, "The Gene Coding for Tropoelastin is Represented as a Single Copy Sequence in the Haploid Sheep Genome", Collagen Rel. Res., 7:77-89 (1987)		
JS	CCR	J. SAMBROOK et al, "Molecular Cloning: a Laboratory Manual, 2 nd ed., Cold Spring Harbor Laboratory Press, Cold Spring Harbor, NY (1989)		
JS	CCS	GIORGIO BRESSAN et al, "Repeating Structure of Chick Tropoelastin Revealed by Complementary DNA Cloning", Biochemistry, 26(6):1497-1503 (March, 1987)		
JS	CCT	KALIANNAN RAJU et al, "Primary Structures of Bovine Elastin a, b, and c Deduced from the Sequences of cDNA Clones", J. Biol. Chem., 262:5755-5762 (1987)		
JS	CCU	DAVID LIPMAN et al, "Rapid and Sensitive Protein Similarity Searches", Science, 227:1435-1441 (March, 1985)		
JS	CCV	DEBRA BEDELL-HOGAN et al, "Oxidation, Cross-Linking, and Insolubilization of Recombinant Tropoelastin by Purified Lysyl Oxidase", J. Biol. Chem., 268(14):10345-10350 (May, 1993)		
JS	CCW	F. WILLIAM STUDIER et al, "Use of T7 RNA Polymerase to Direct Expression of Cloned Genes", Methods Enzymol., 185:60-89 (1990)		
JS	CCX	JILL GOUGH et al, "Sequence Diversity Among Related Genes for Recognition of Specific Targets in DNA Molecules", J. Mol. Biol., 166:1-19 (1983)		
JS	CCY	W. BULLOCK et al, "XL1-Blue: A High Efficiency Plasmid Transforming recA Escherichia coli Strain with Beta-Galactosidase Selection", BioTechniques, 5(4):376-378 (1987)		

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AS	CCZ	RUTH HEIM et al, "Alternative Splicing of Rat Tropoelastin mRNA is Tissue-Specific and Developmentally Regulated", Matrix, 11:359-366 (1991)	
AS	DR	HELENA YEH et al, "Sequence Variation of Bovine Elastin mRNA due to Alternative Splicing", Collagen Rel. Res., 7:235-247 (1987)	
AS	DS	DONALD SMITH et al, "Single-Step Purification of Polypeptides Expressed in Escherichia coli as Fusions with Glutathione S-transferase", Gene, 67:31-40 (1988)	
AS	DT	MICHAEL FAZIO et al, "Cloning of Full-length Elastin cDNAs from a Human Skin Fibroblast Recombinant cDNA Library: Further Elucidation of Alternative Splicing Utilizing Exon-specific Oligonucleotides", J. Invest. Dermatol., 91:458-464 (1988)	
HS	DU	DAN URRY et al, "Temperature Dependence of Length of Elastin and its Polypeptide", Biochemical and Biophysical Research Communications, 141(2):749-755 (December, 1986)	
AS	DV	RAO RAKA et al, "Synthesis of Polypeptide Models of Elastin, Synthesis and Properties of a Cross-linked Polytetrapeptide", Int. J. Peptide Protein Res., 21:352-363 (1983)	
HS	DW	L. SANDBERG et al, "Tropoelastin Purification from Copper-Deficient Swine: a Simplified Method", Biochim. Biophys. Acta., 236:542-545 (1971)	
AS	DX	ELIZABETH MURRAY et al, "Codon Usage in Plant Genes", Nucl. Acids Res., 17(2):477-498 (1989)	
HS	DY	SHIPING ZHANG et al, "Low-Usage Codons in Escherichia coli, yeast, fruit fly and primates", Gene, 105:61-72 (1991)	

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DS	DZ	DAVID EYRE et al, "Cross-Linking in Collagen and Elastin", Ann. Rev. Biochem., 53:717-748 (1984)	
DS	DDR	KAREN REISER et al, "Enzymatic and Nonenzymatic Cross-Linking of Collagen and Elastin", FASEB J., 6:2439-2449 (1992)	
	DDS	PAUL SHARP et al, "Potential Applications", Nucl. Acids Res., 15:1281-1295 (1987)	
DS	DDT	SHIGEYUKI YOSHIFUJI et al, "Chemical Conversion of L- α , ω -Diamino Acids to L- ω -Carbamoyl- α -amino Acids by Ruthenium Tetroxide Oxidation", Chem. Pharm. Bull., 35:2994-3000 (1987)	

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